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FIG. 2

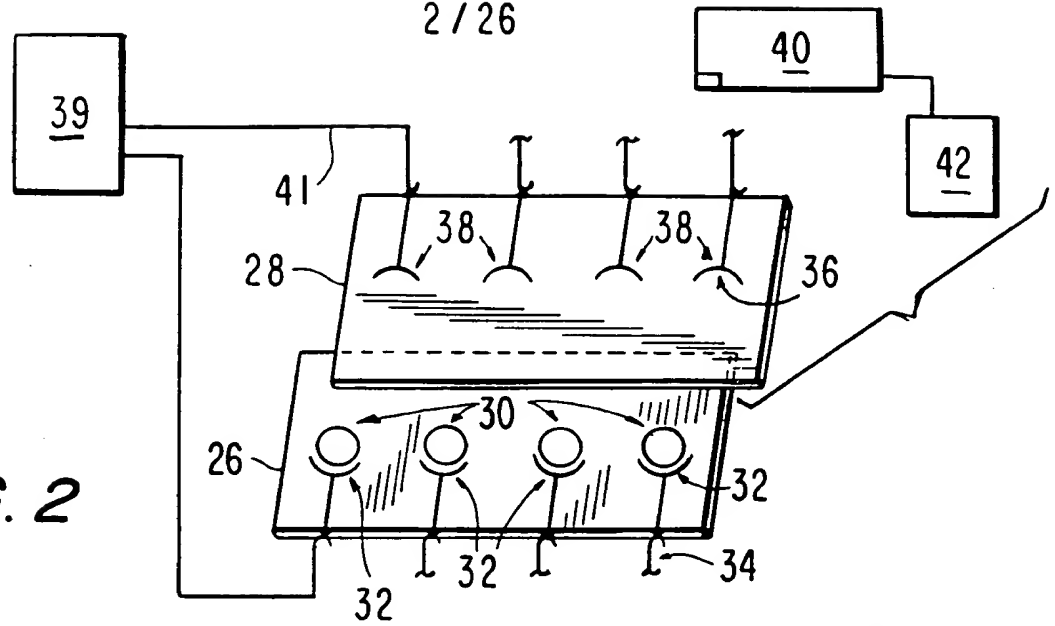


FIG. 3

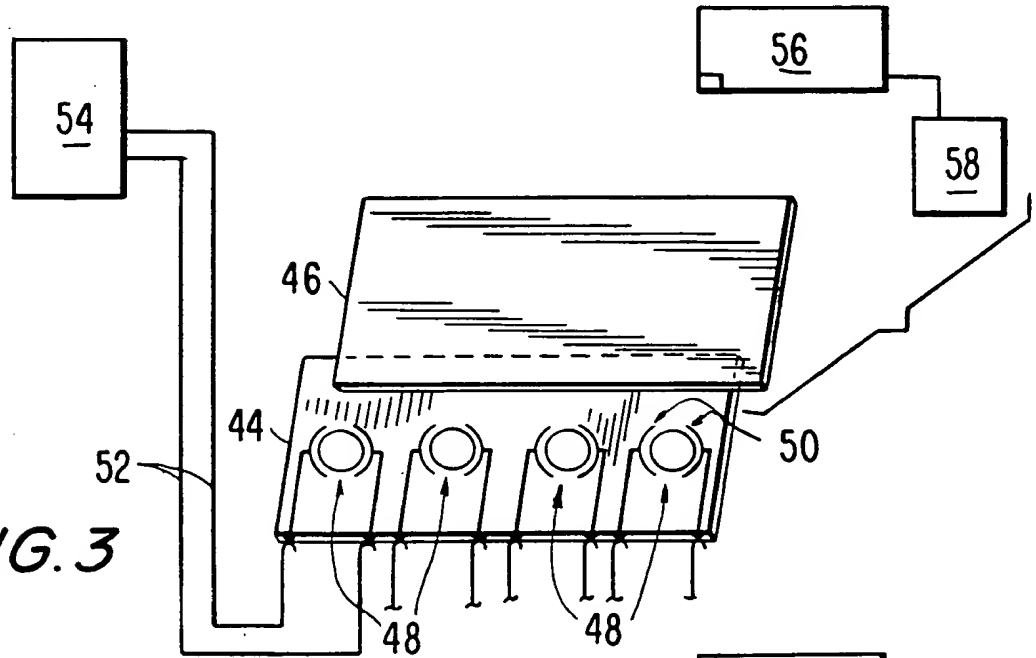
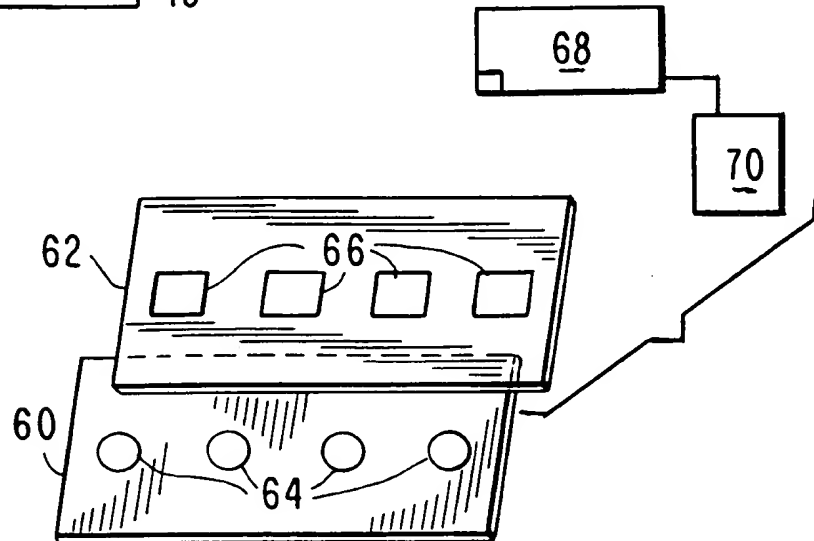


FIG. 4



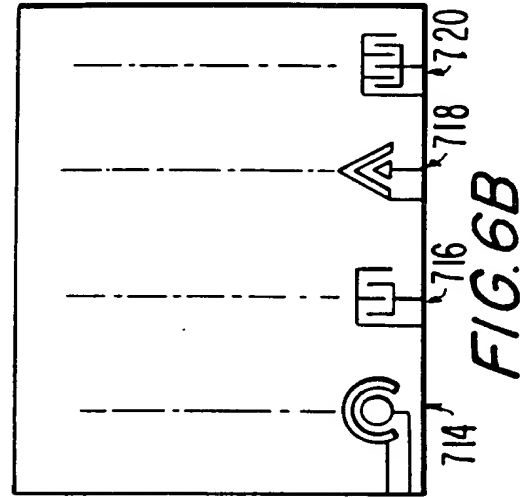
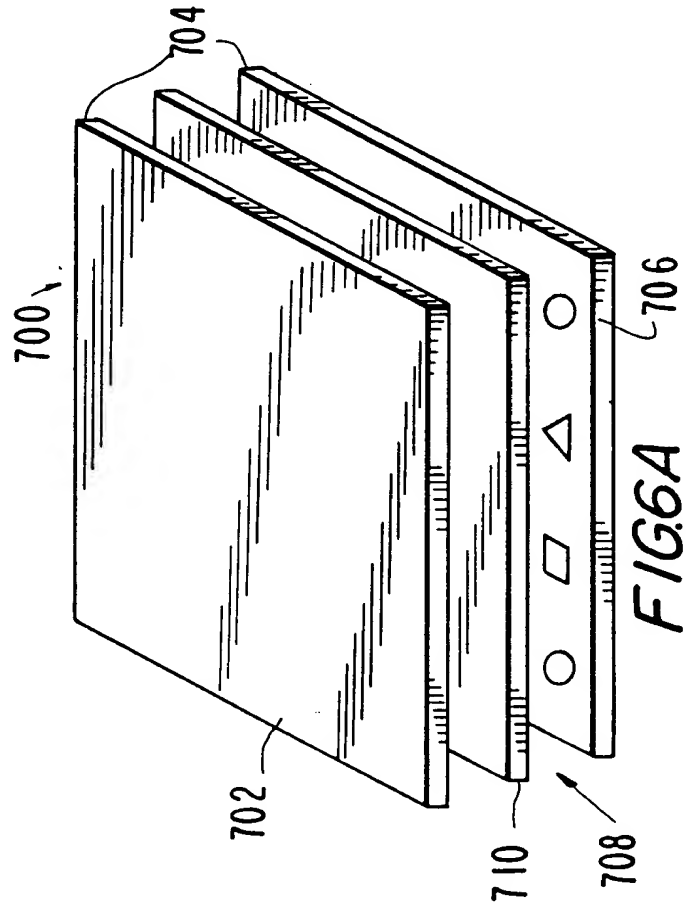
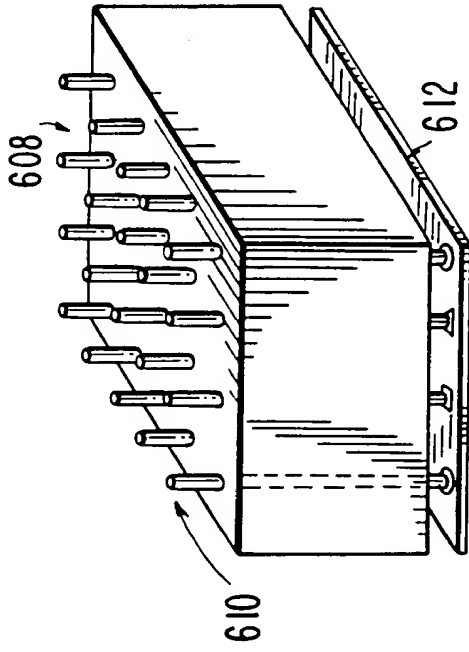
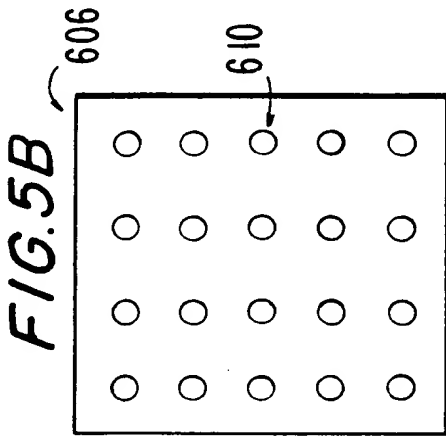
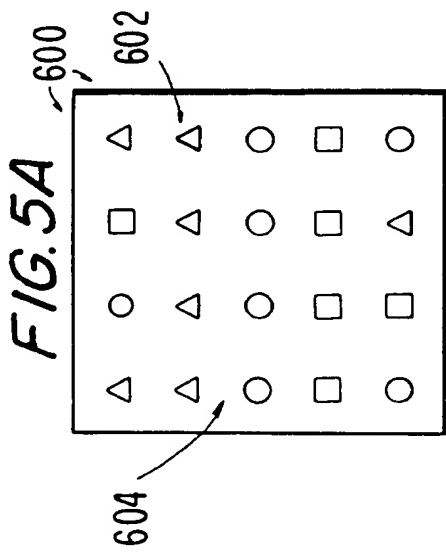


FIG. 7

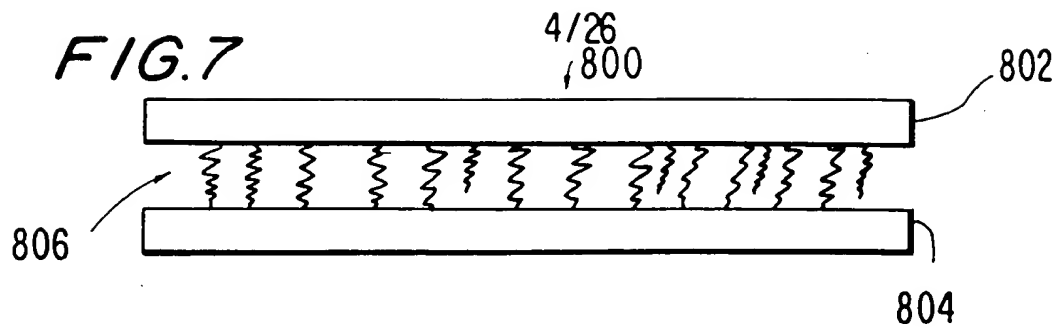


FIG. 8

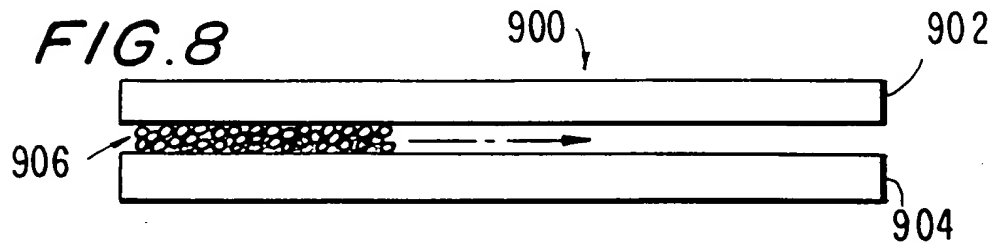


FIG. 9

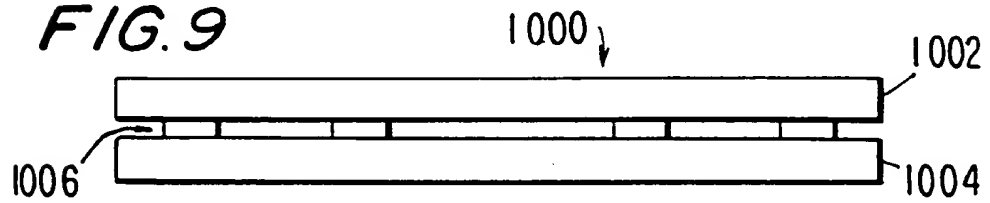


FIG. 10

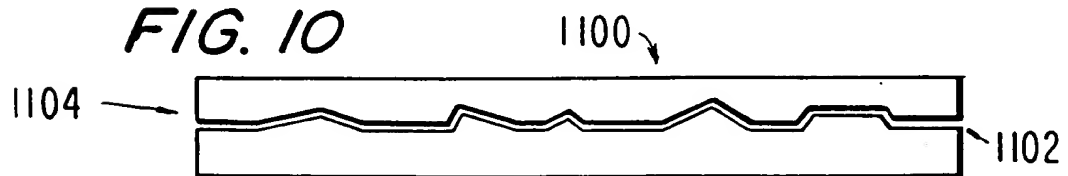


FIG. 11

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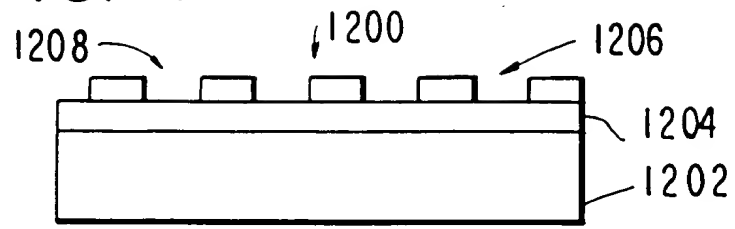


FIG. 12

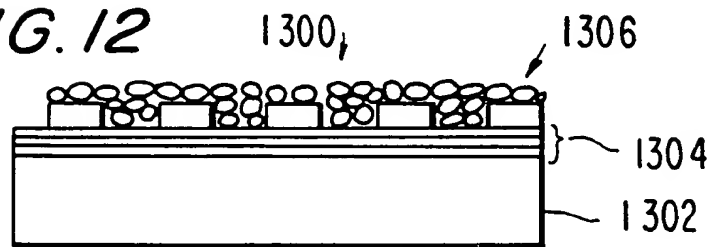
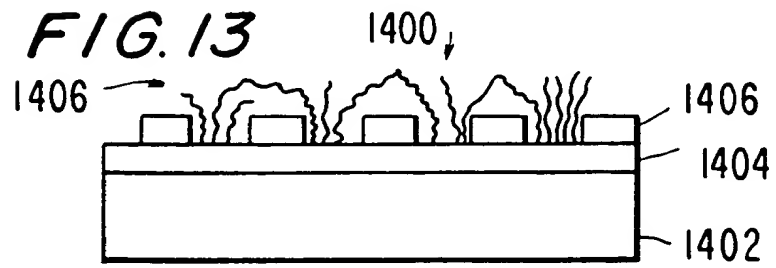


FIG. 13



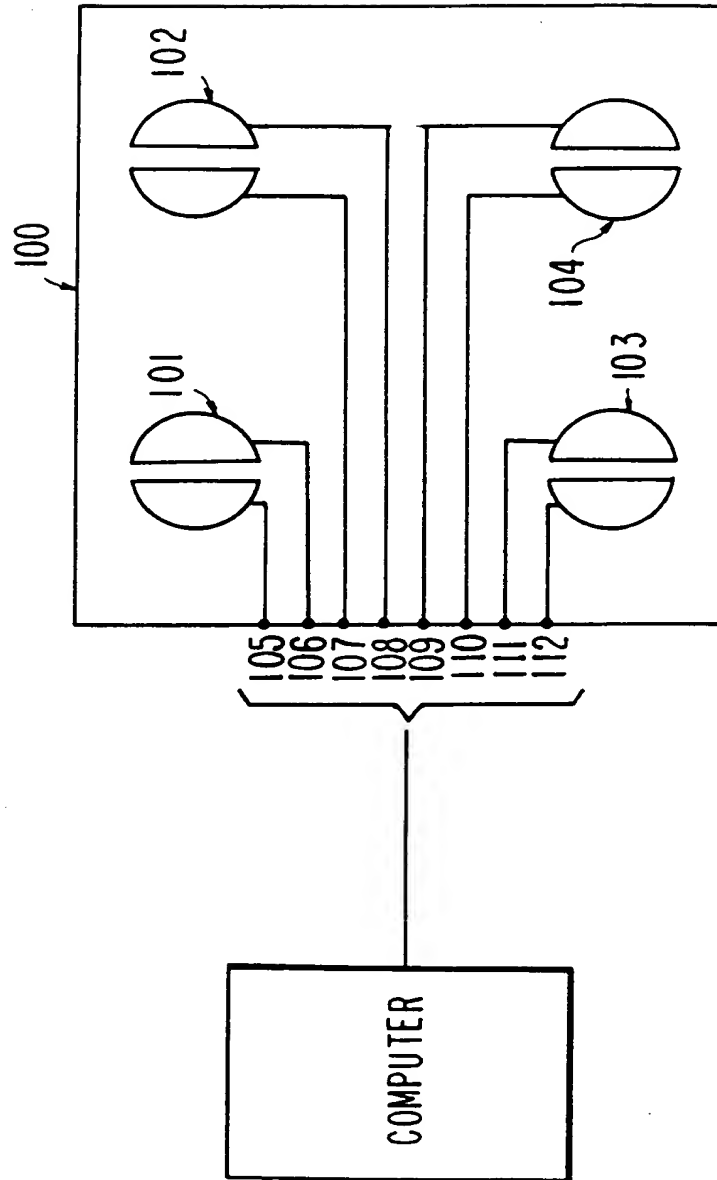


FIG. 14

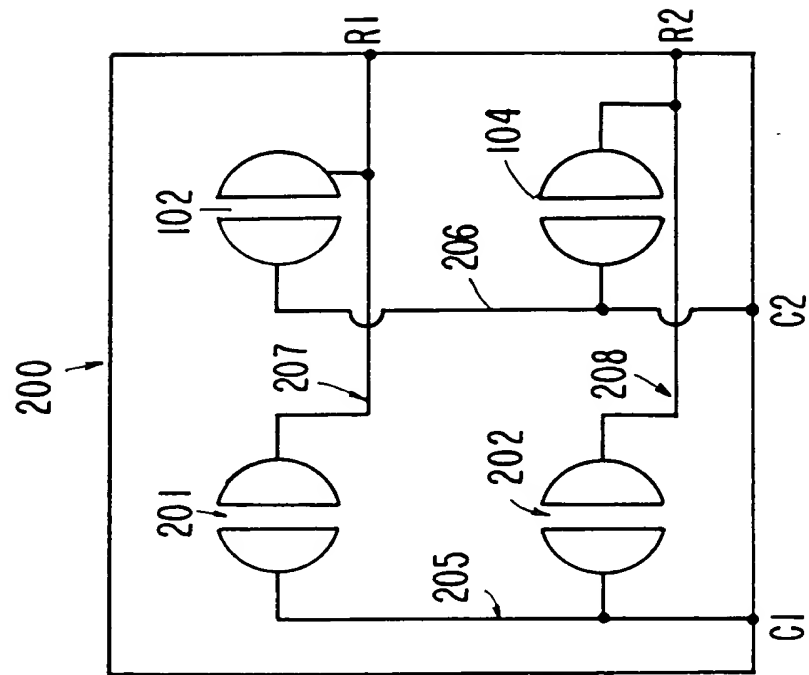


FIG. 15

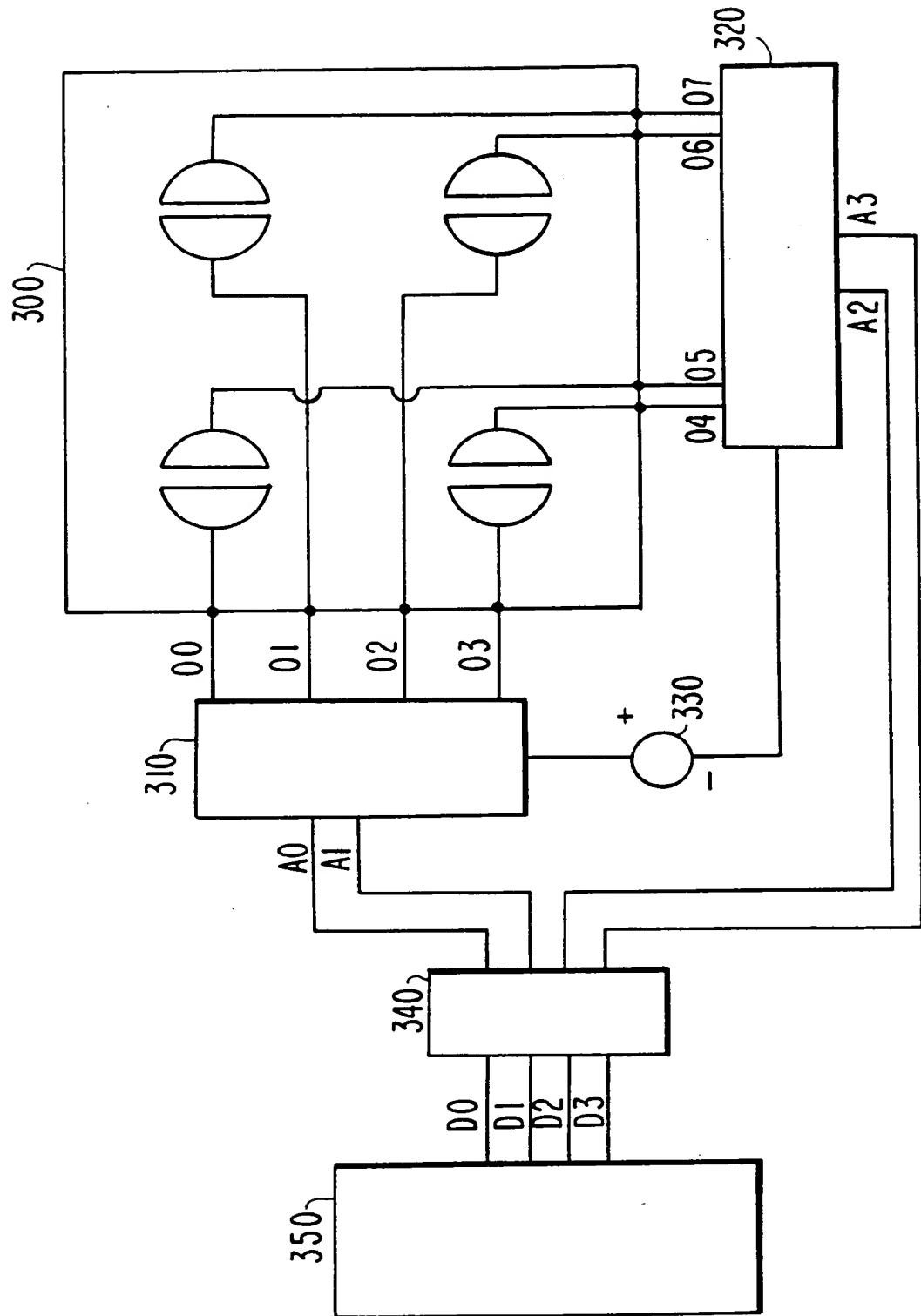


FIG. 16

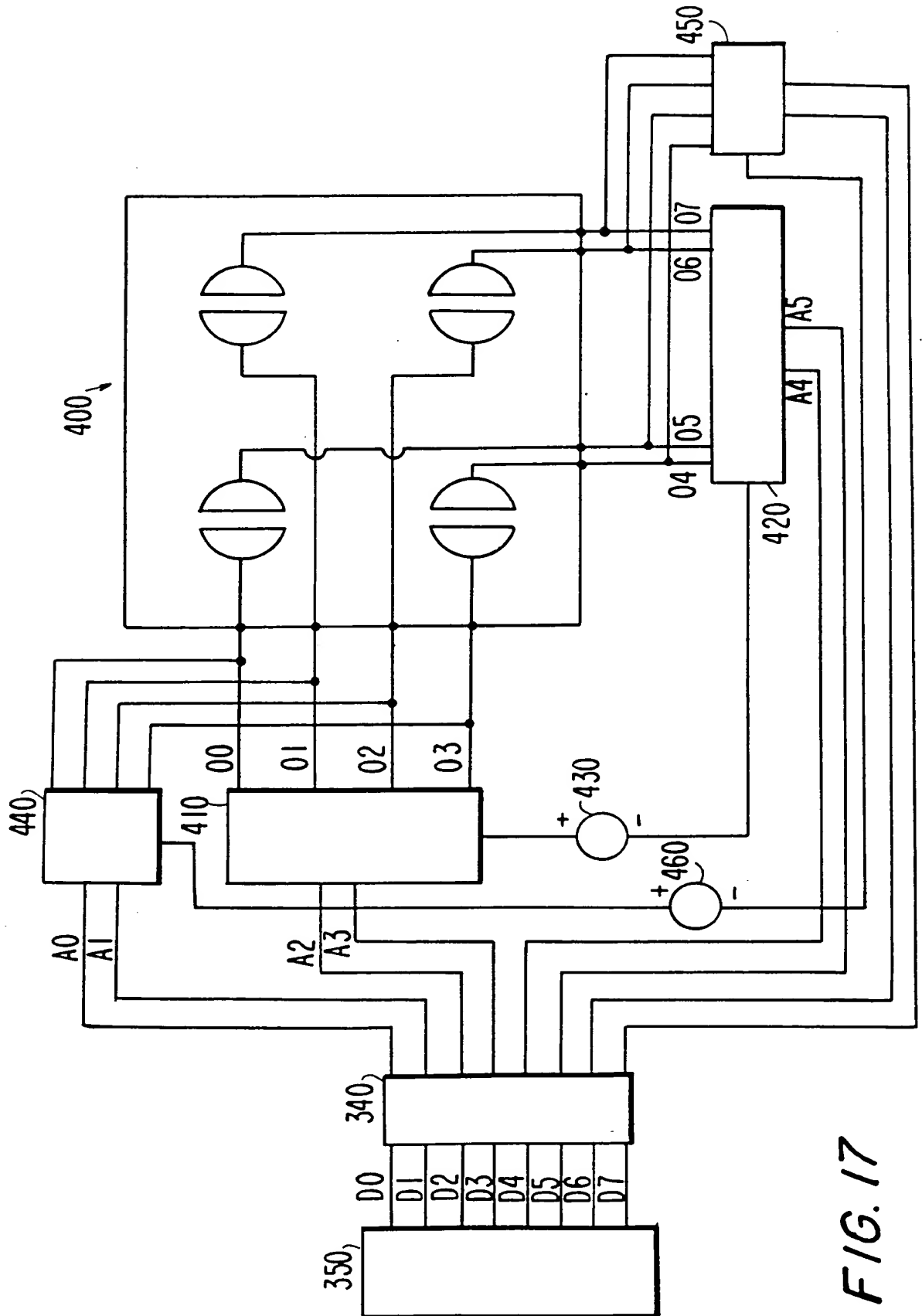


FIG. 17

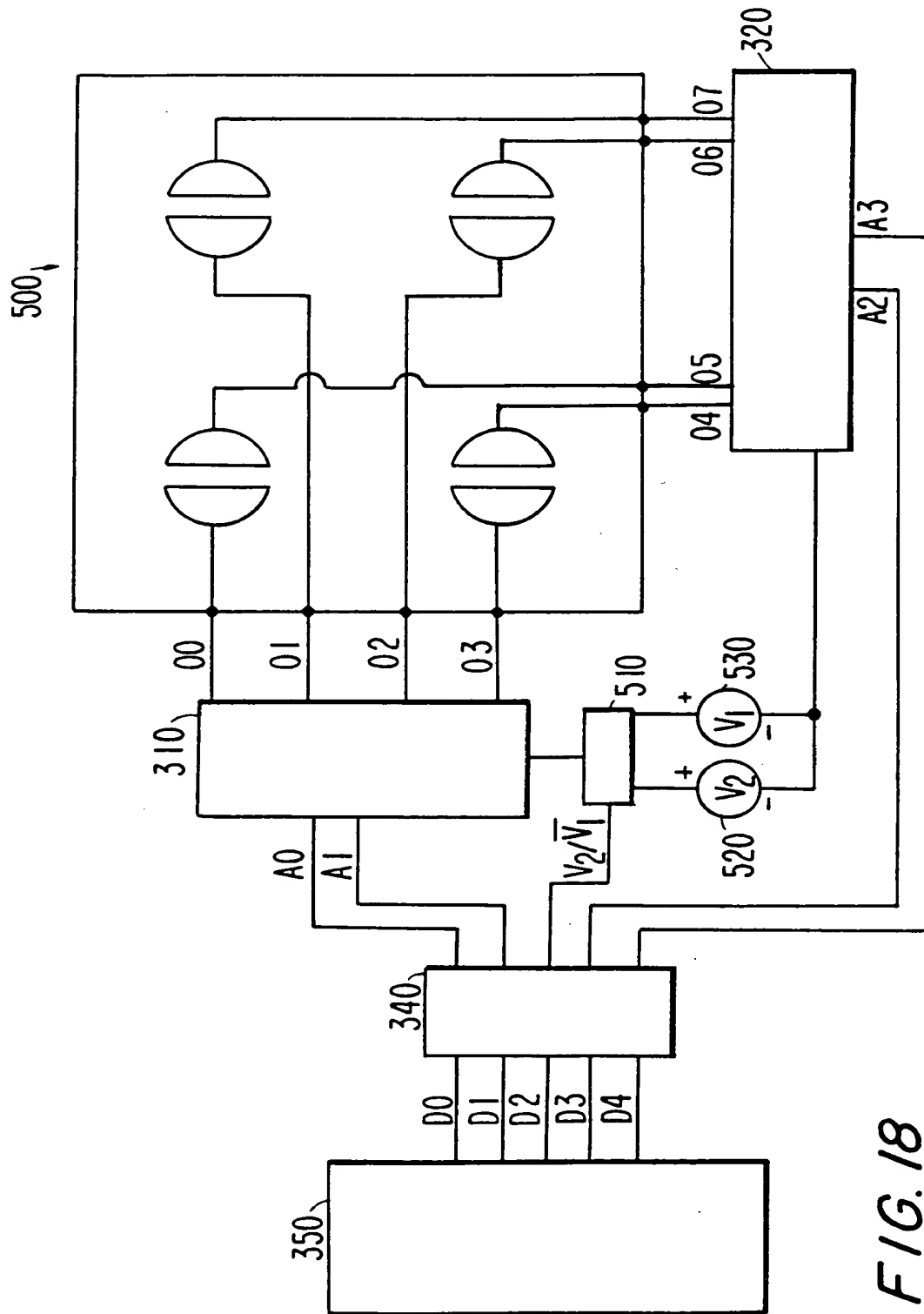


FIG. 18

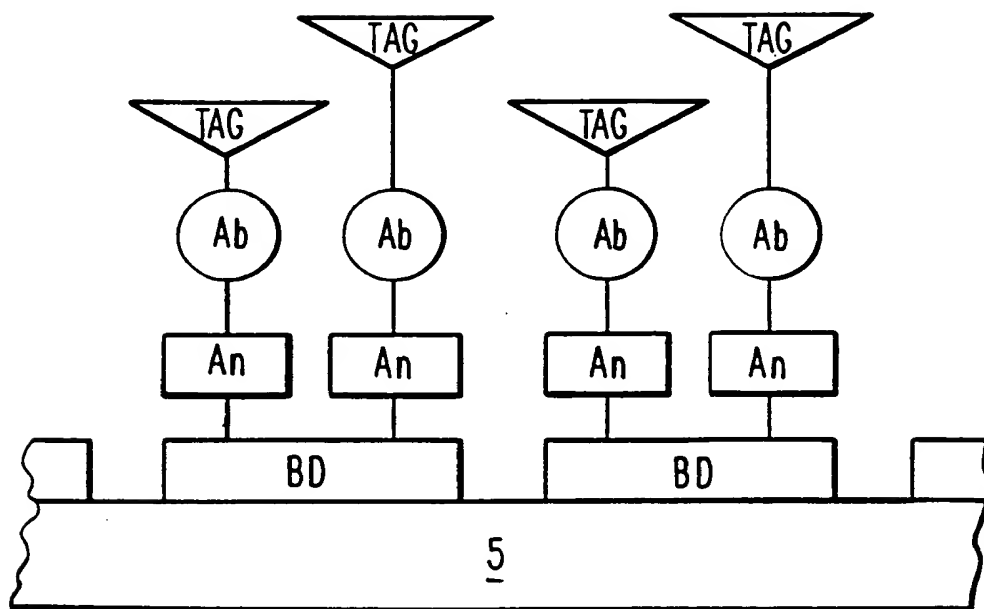
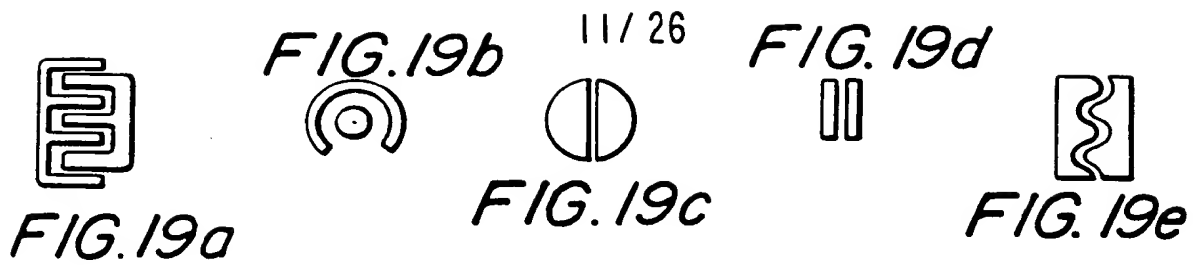


FIG. 20

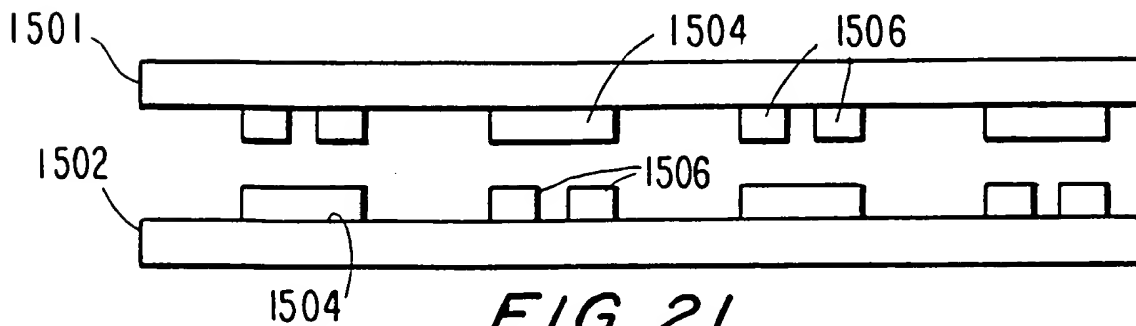


FIG. 21

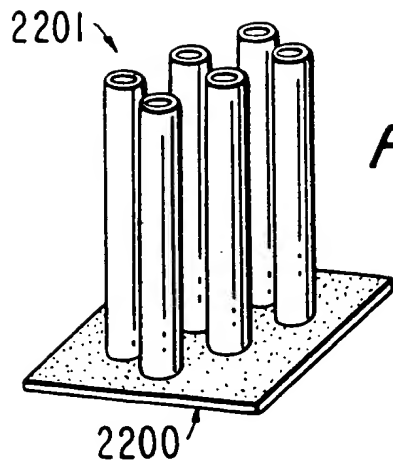


FIG. 22A

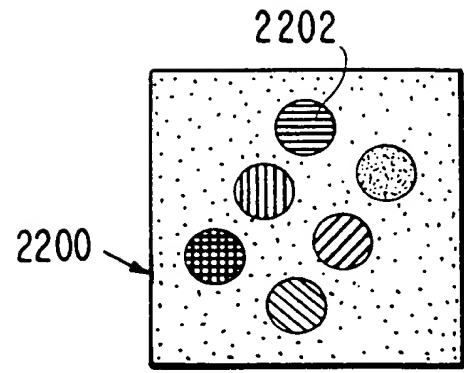


FIG. 22B

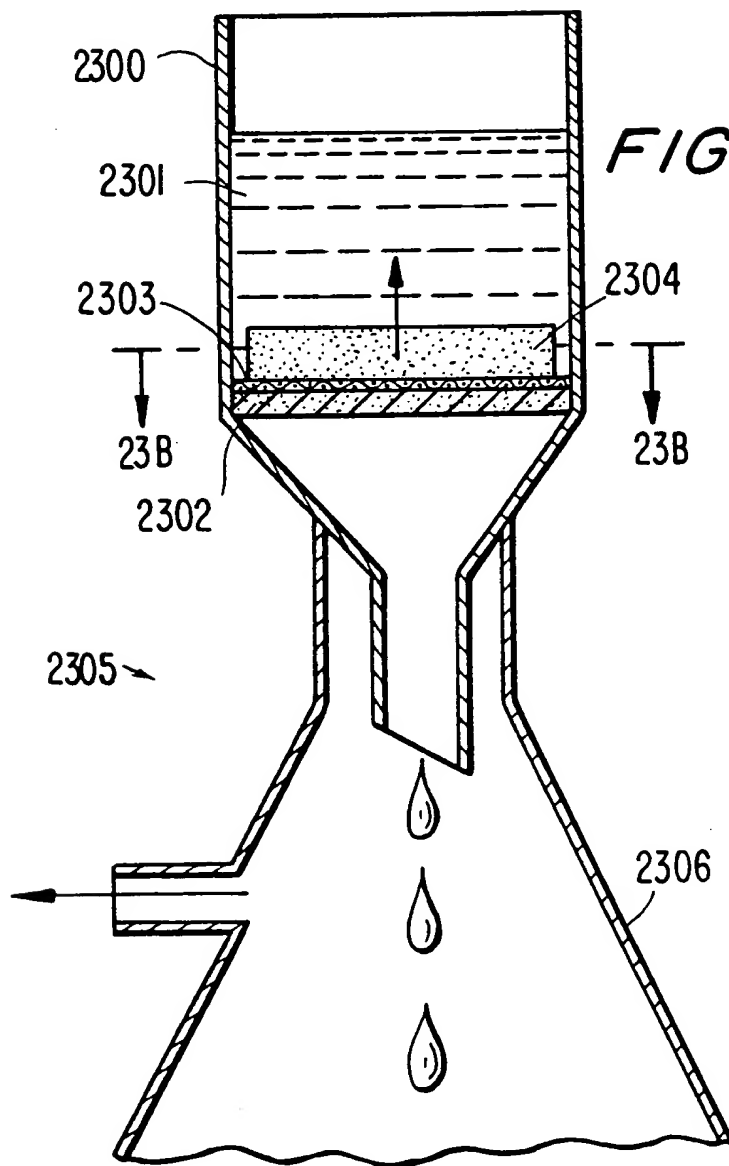


FIG. 23A

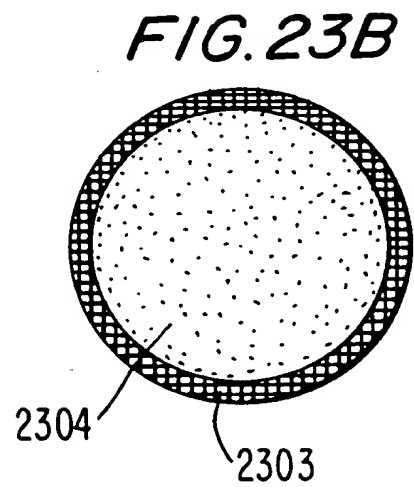


FIG. 23B

FIG. 24

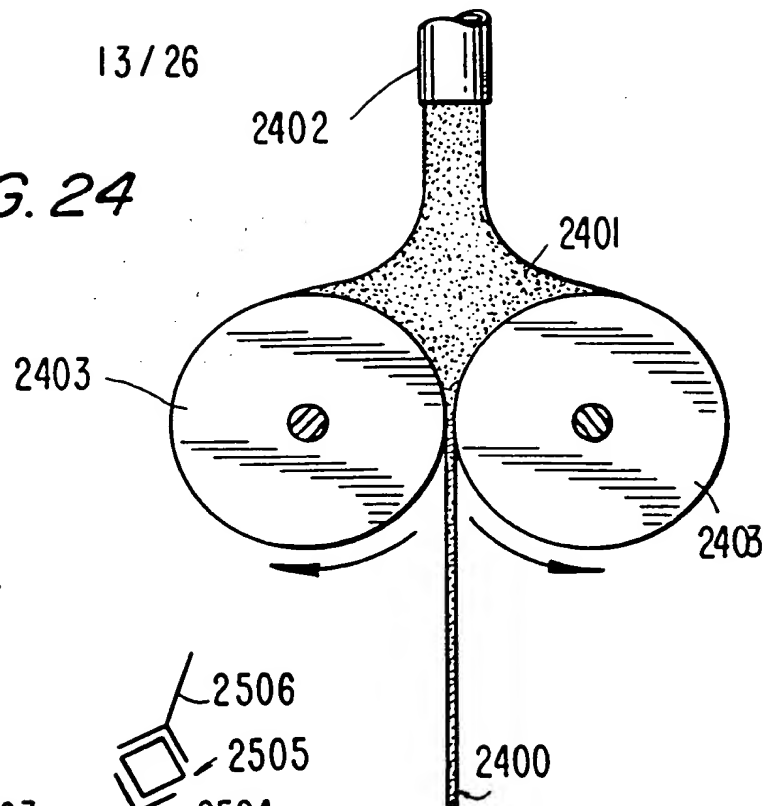


FIG. 25

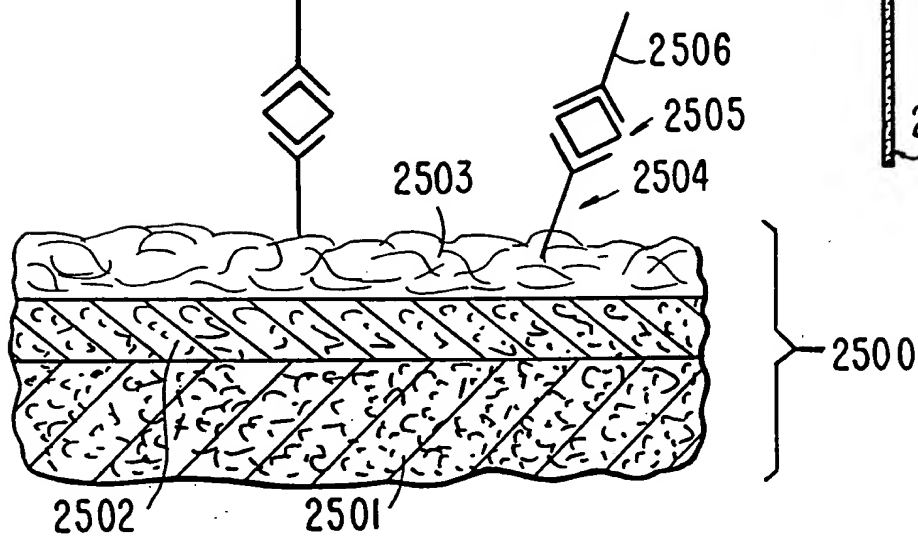


FIG. 26

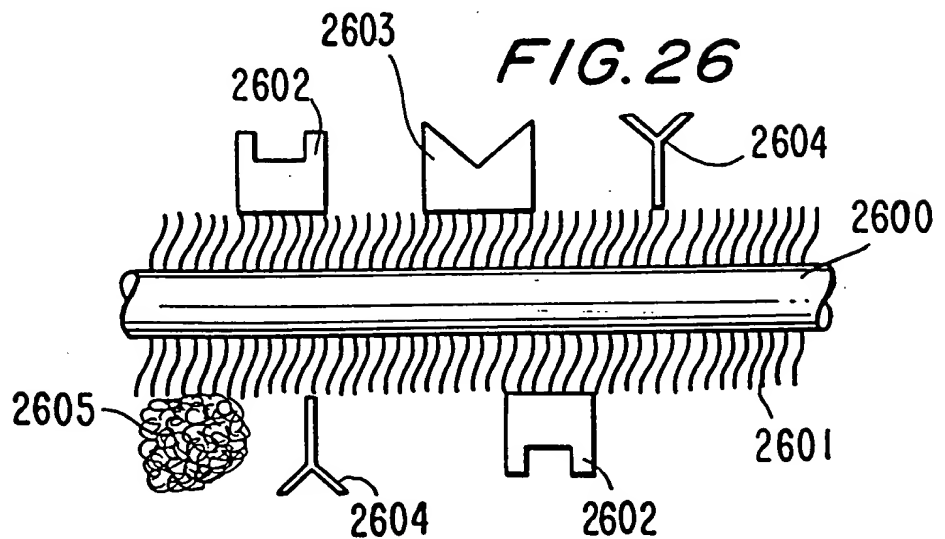


FIG. 27

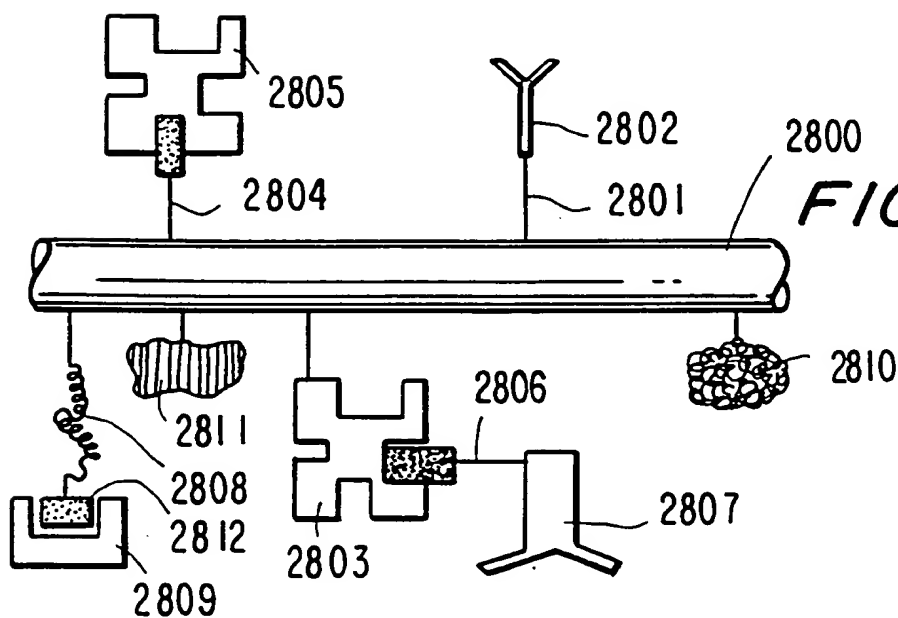
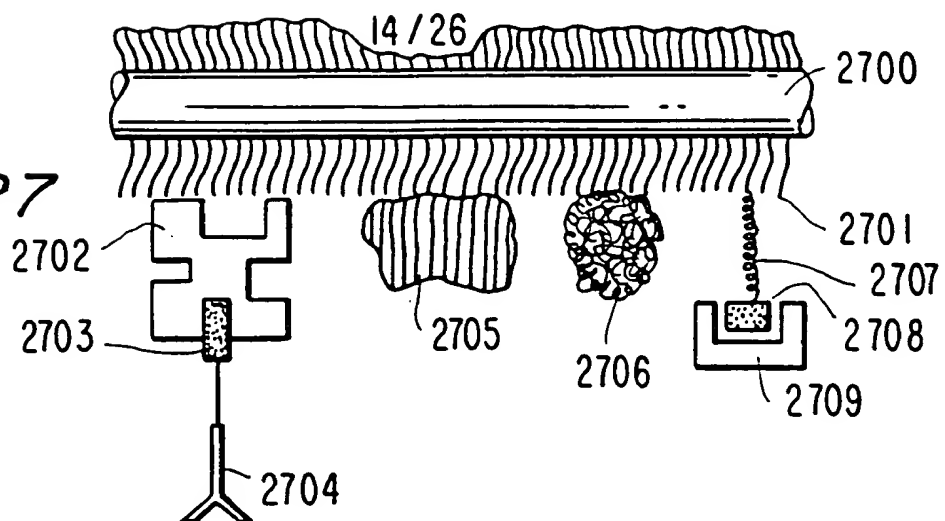
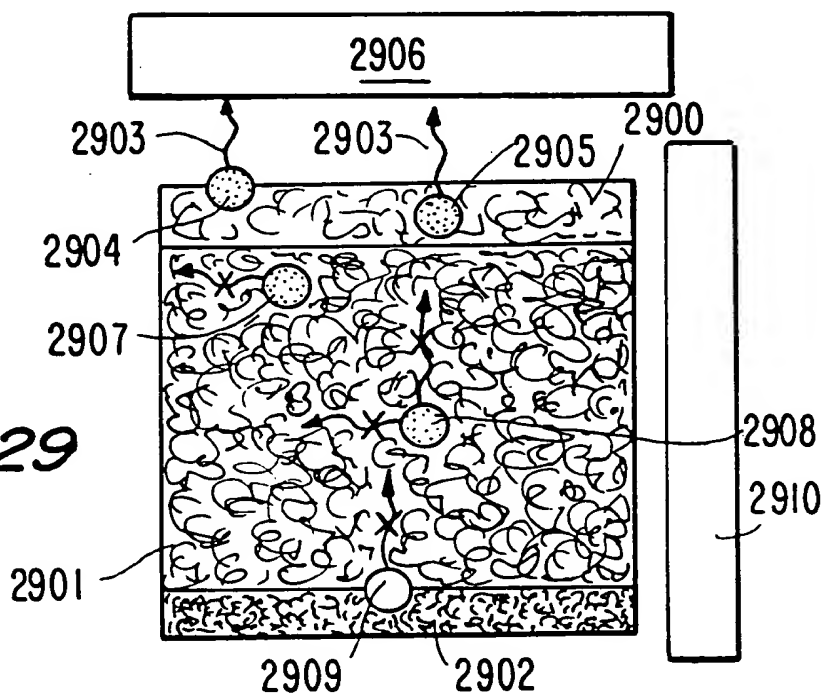


FIG. 28

FIG. 29



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FIG. 30A

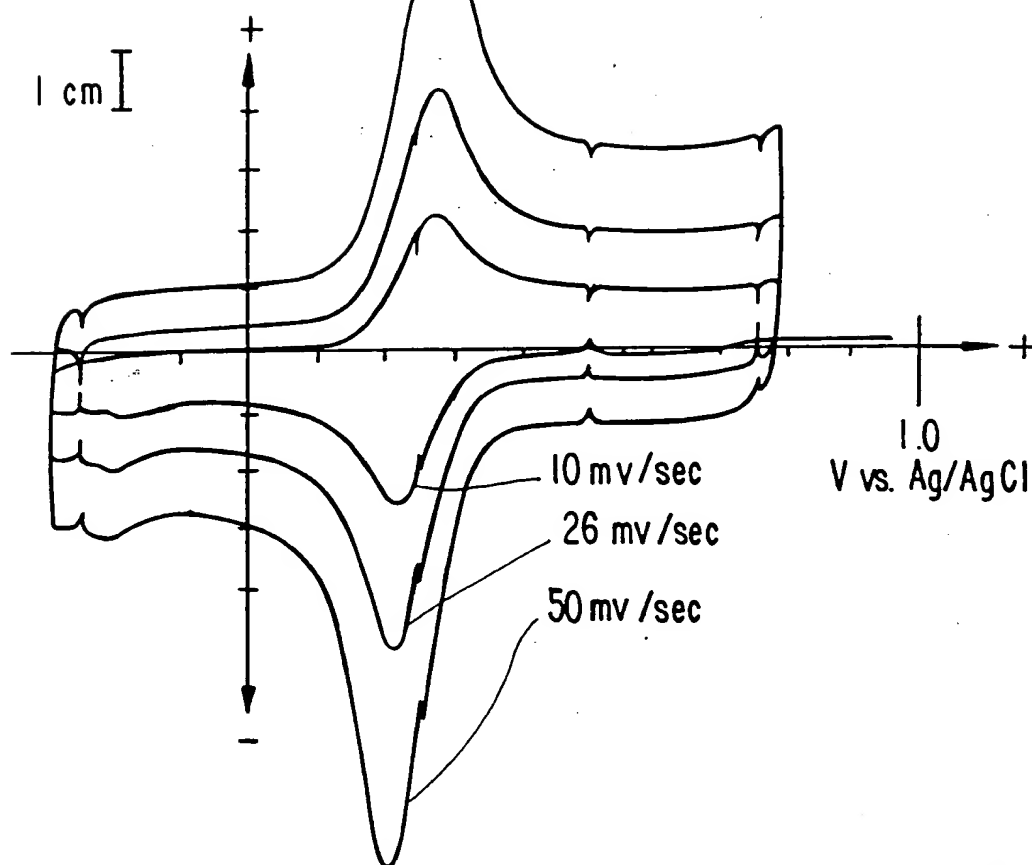


FIG. 30B

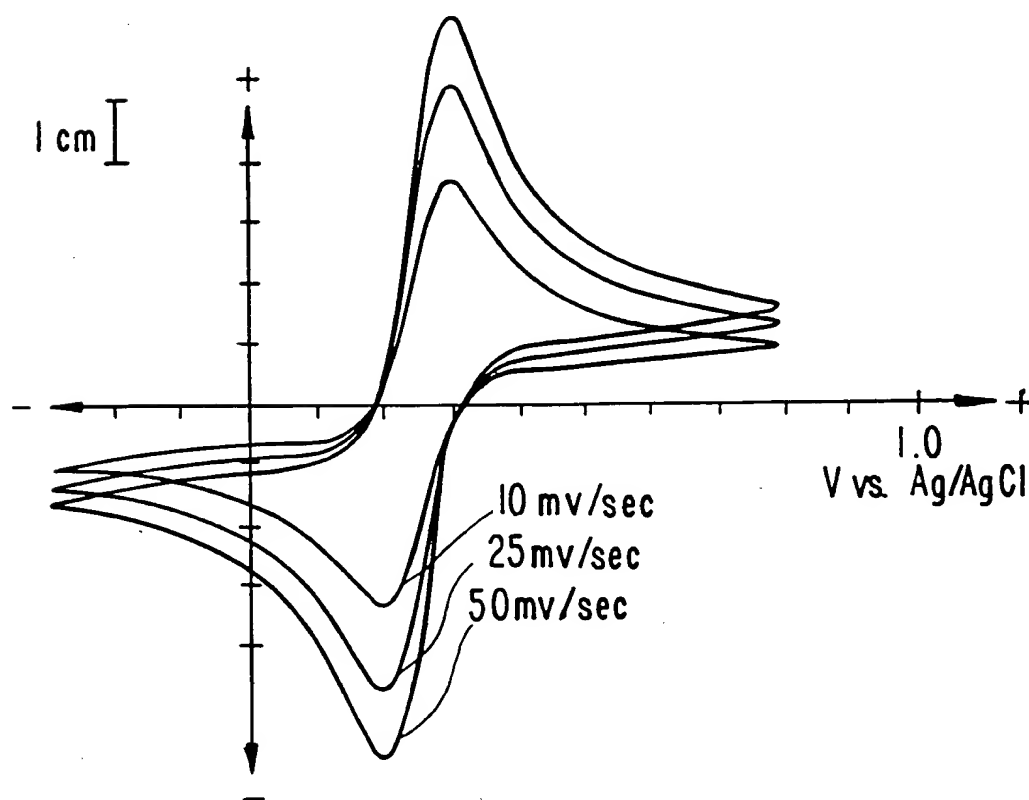


FIG. 31

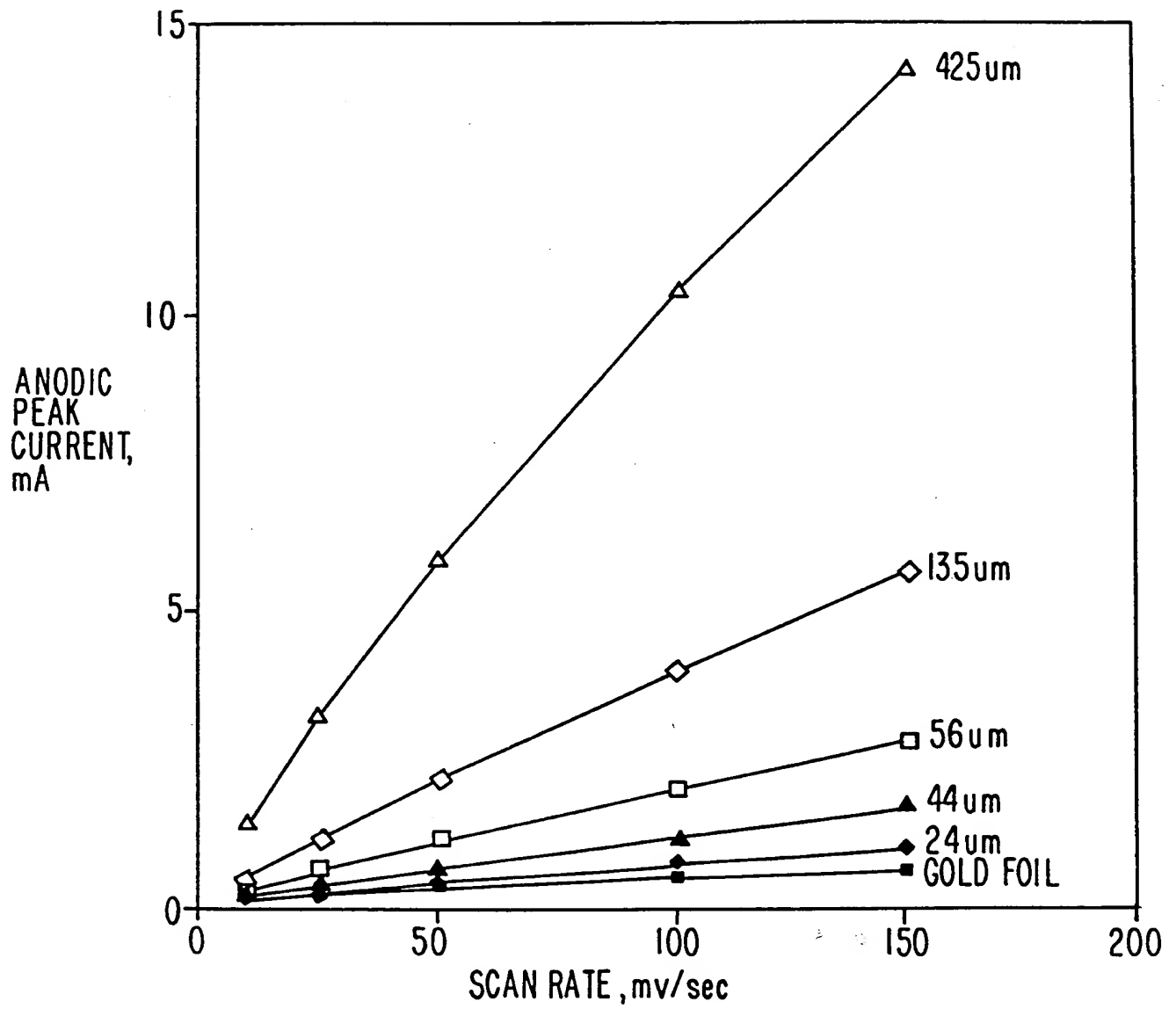


FIG. 32

ECL PEAK INTENSITY

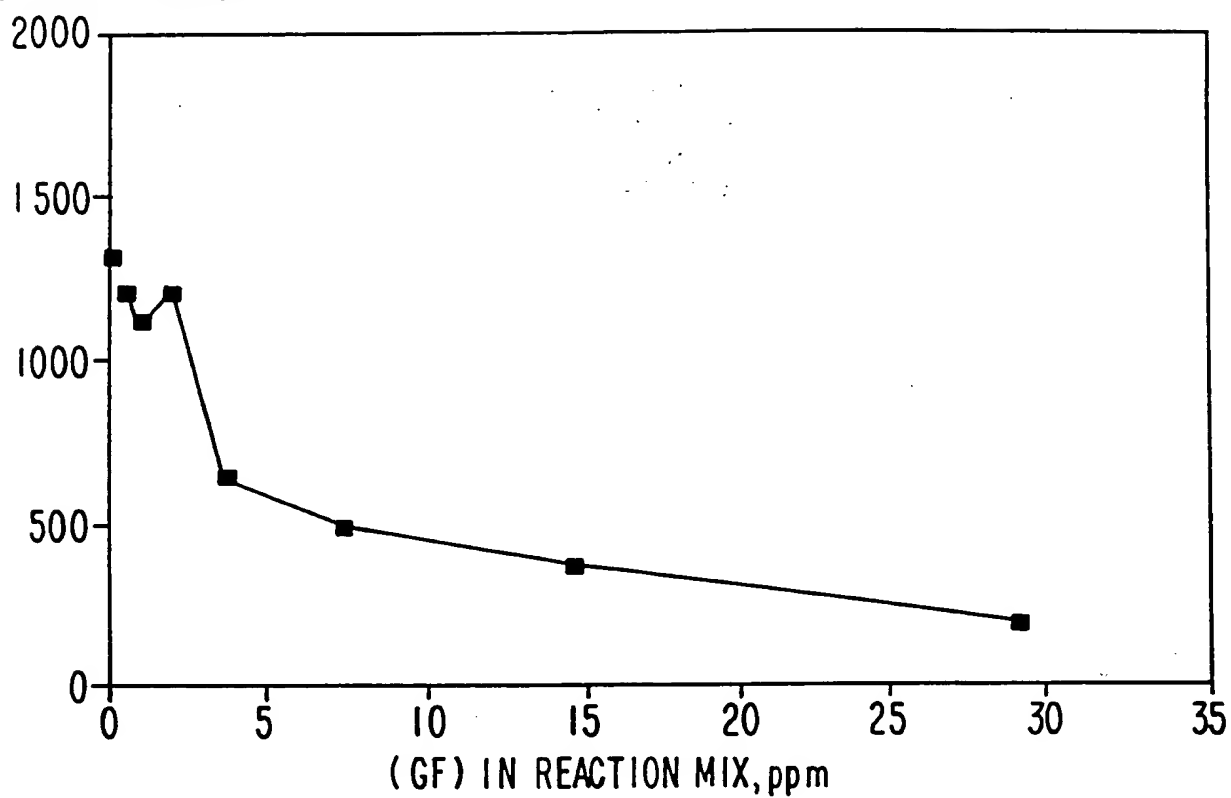
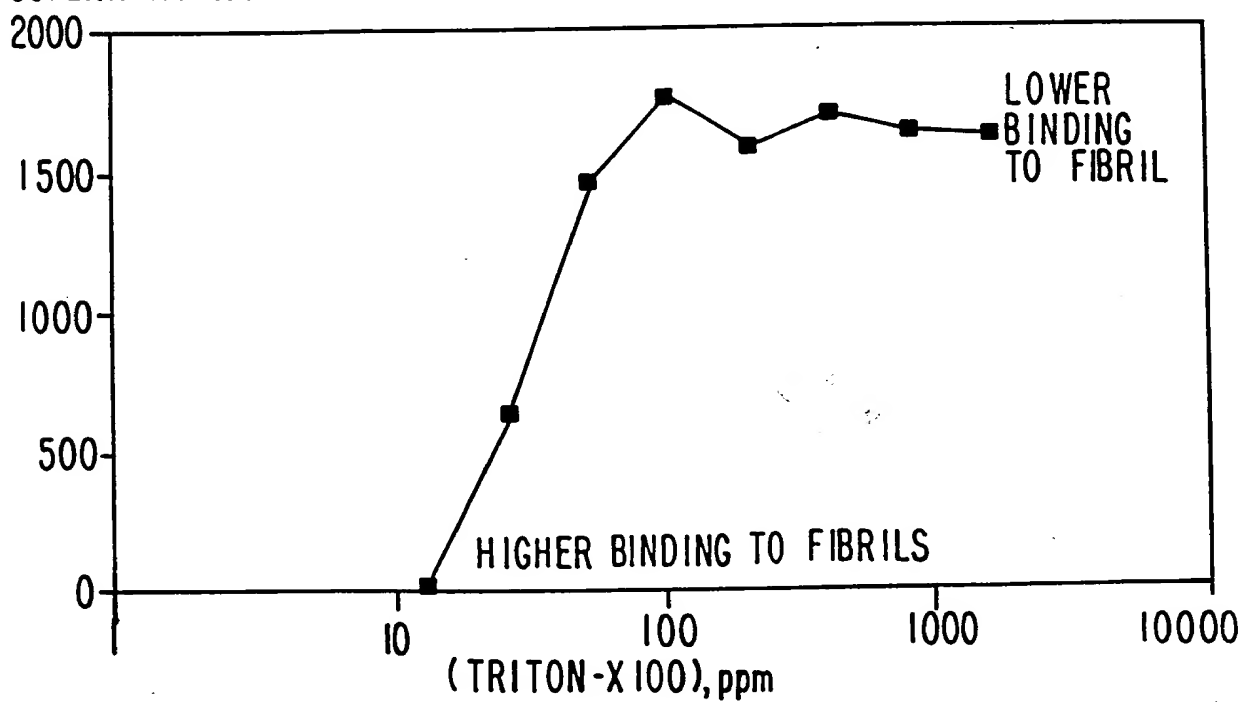
ECL PEAK INTENSITY
OF SUPERNATANT

FIG. 33



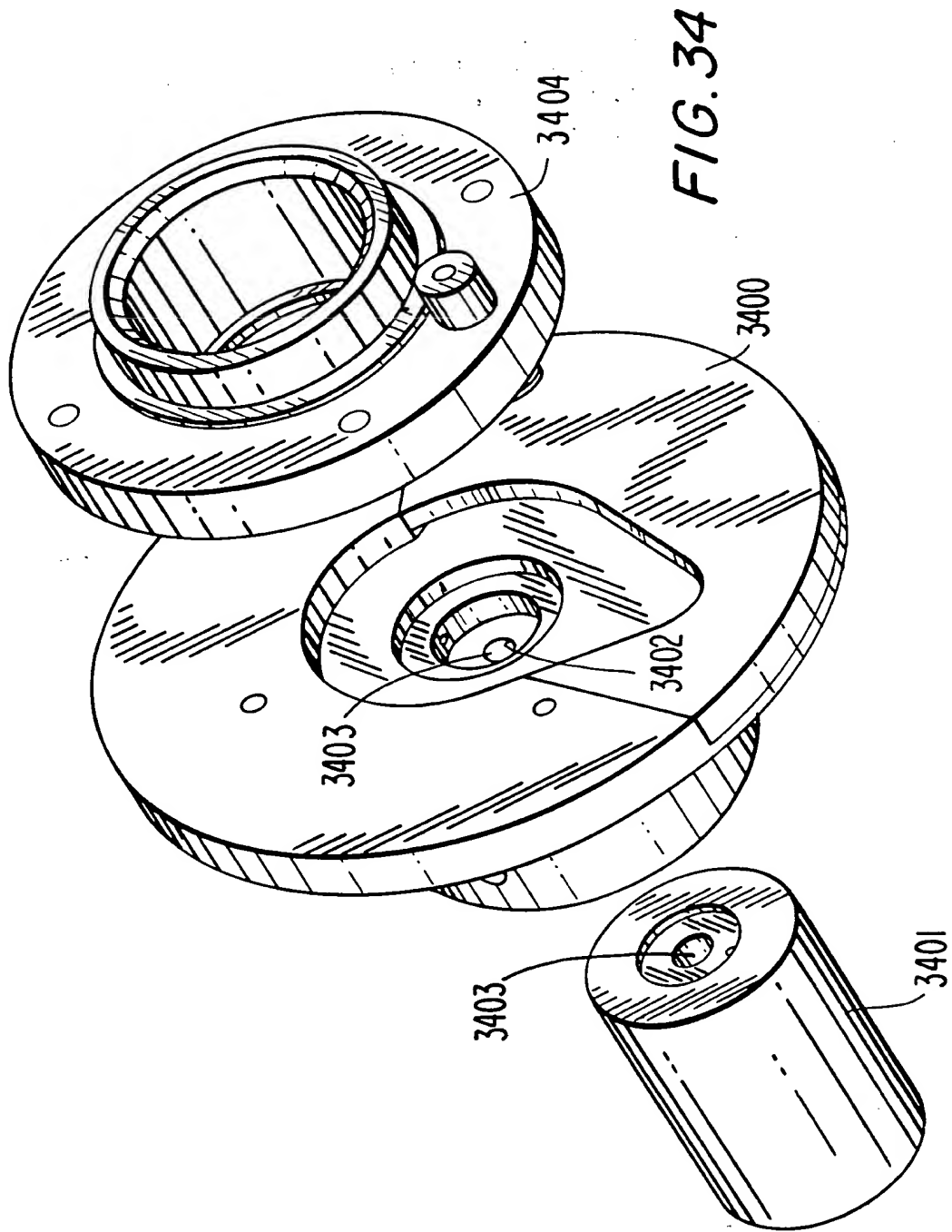


FIG. 35

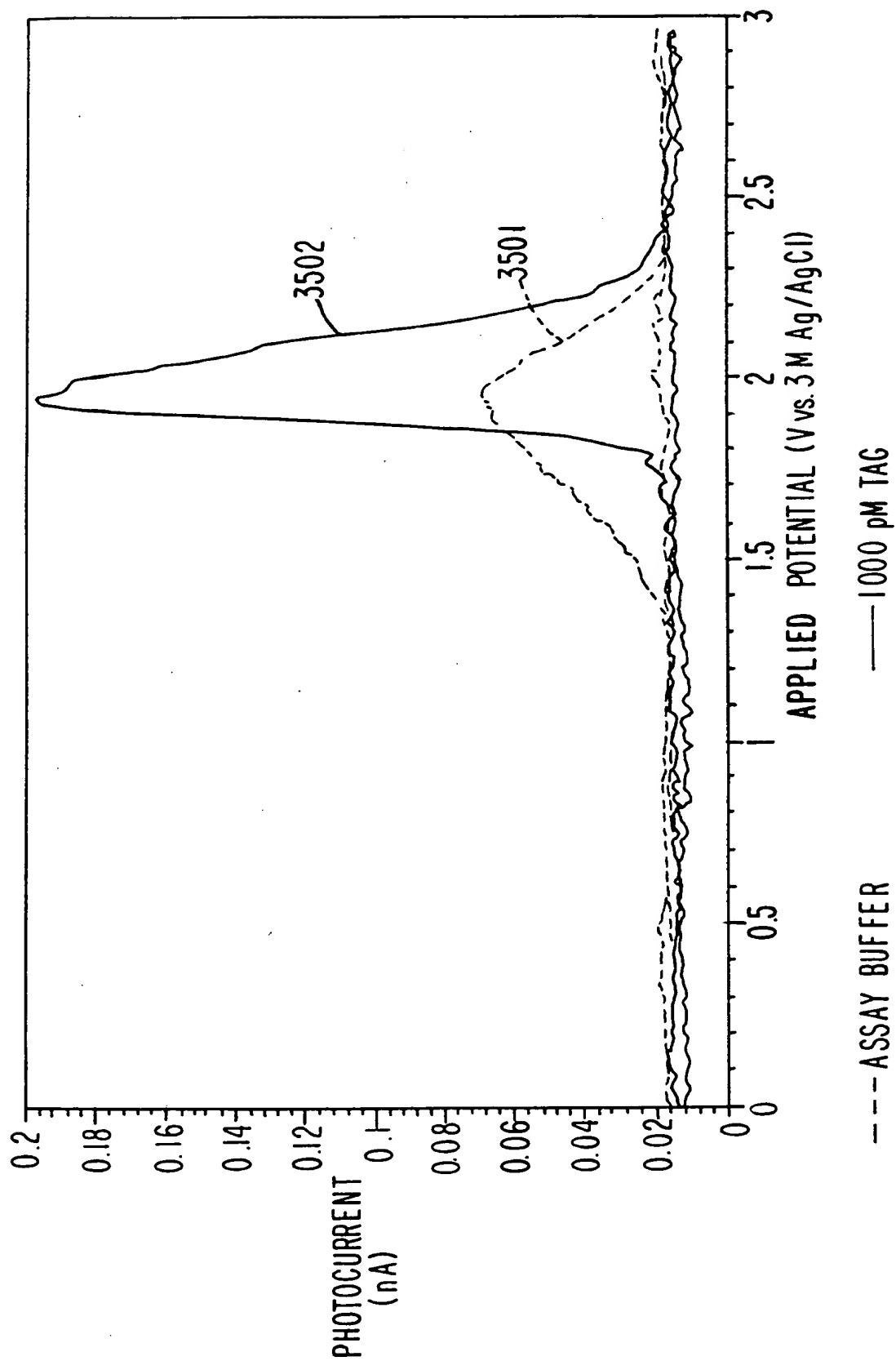


FIG. 36

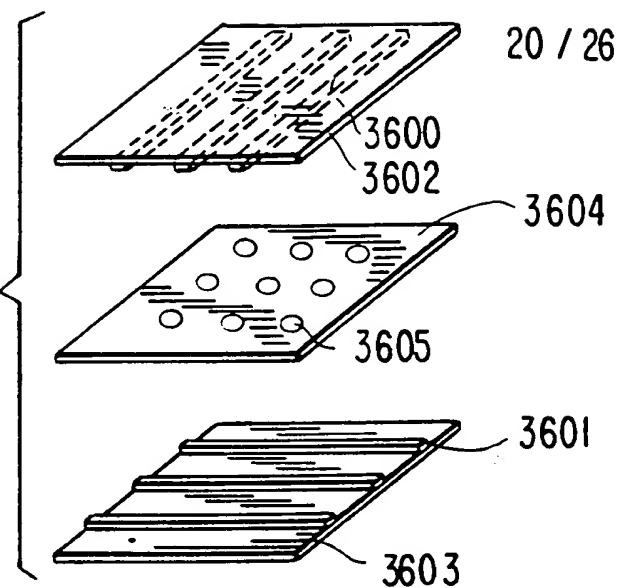


FIG. 37

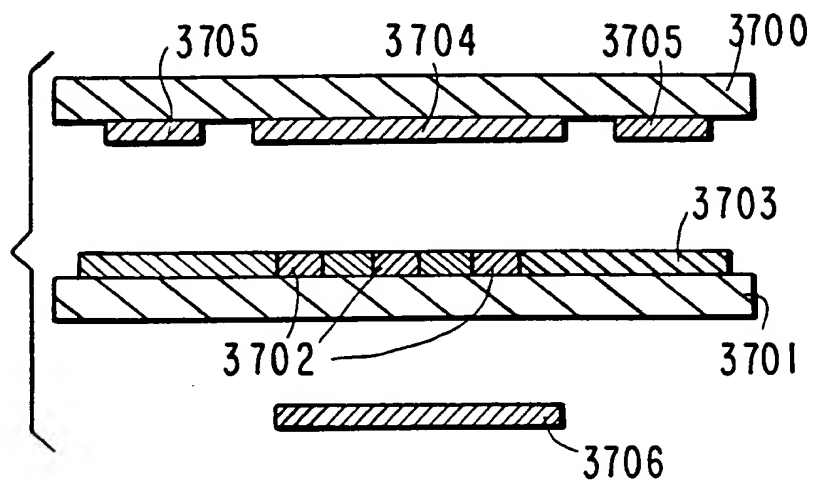


FIG. 38

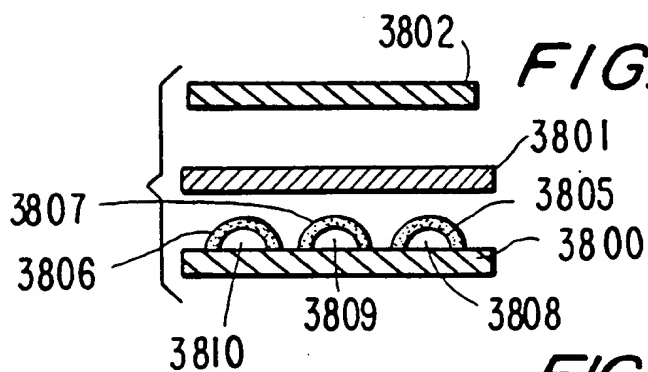


FIG. 39

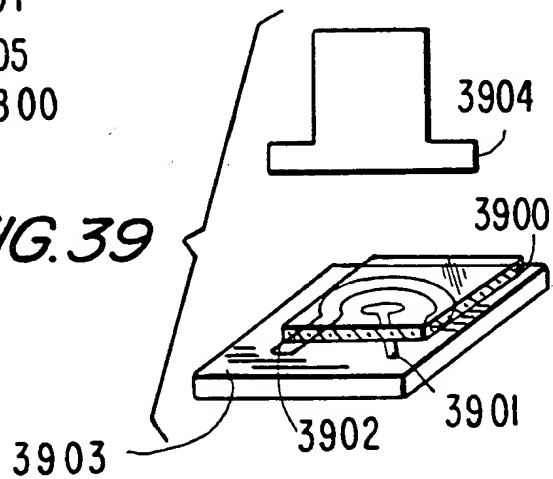


FIG. 40 ^{21/26}

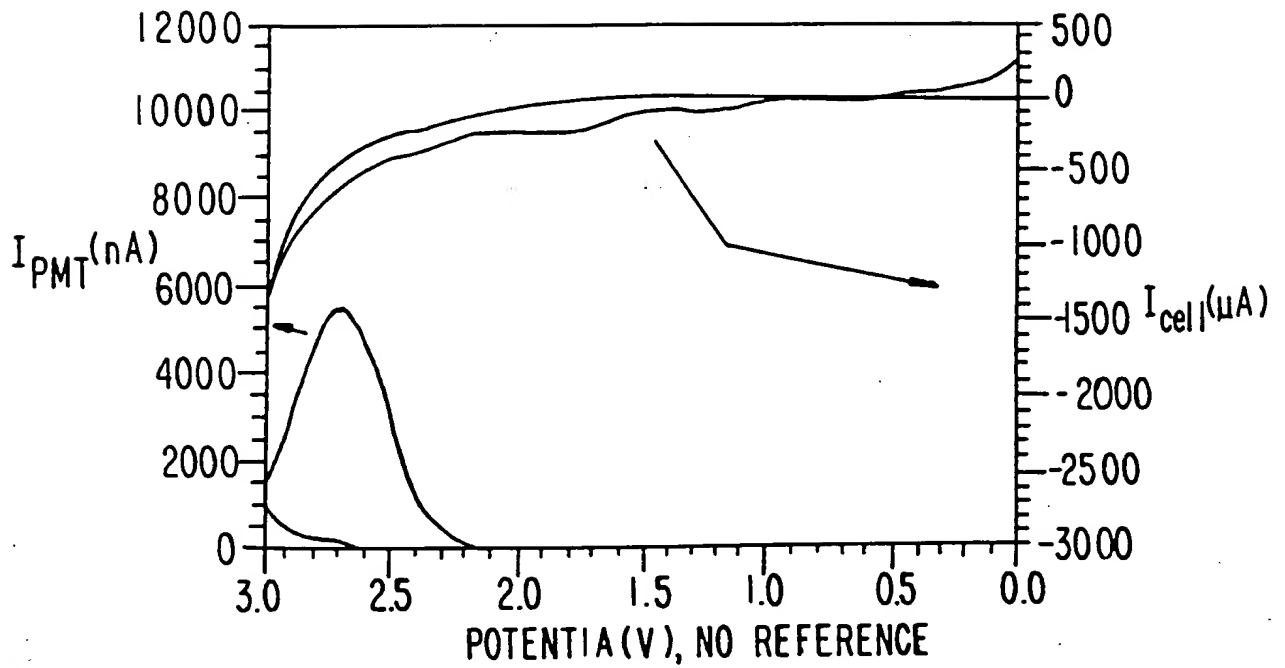
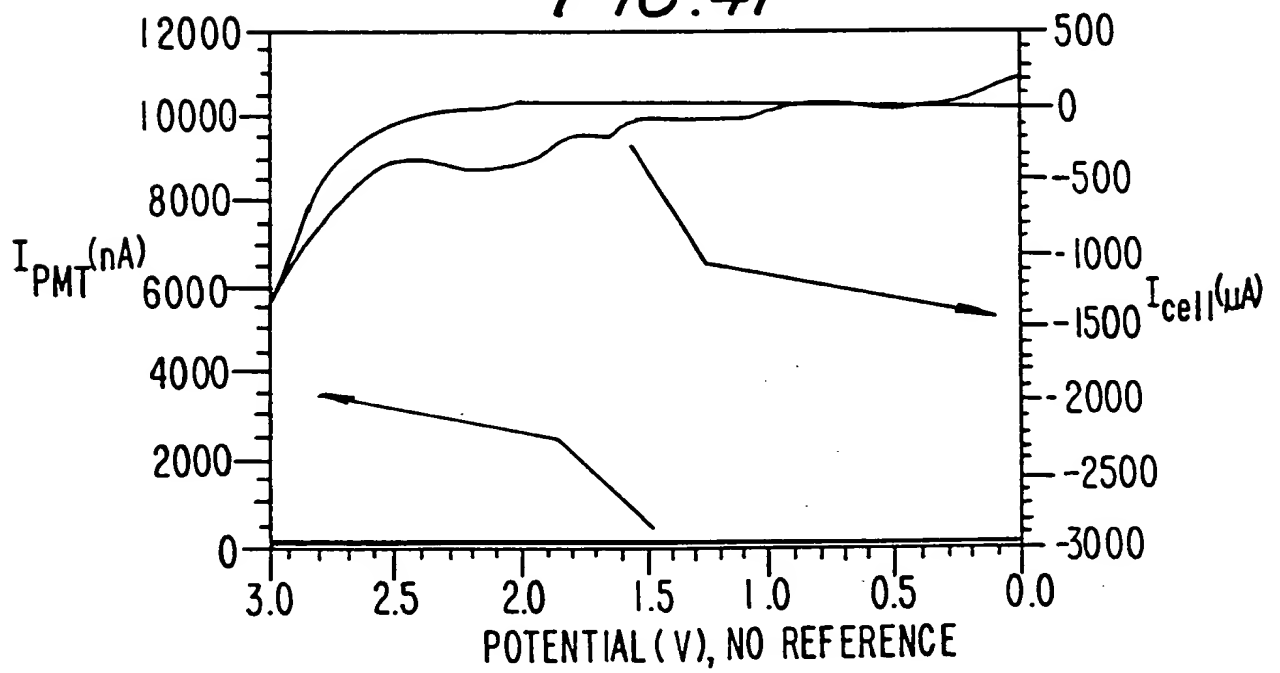


FIG. 41



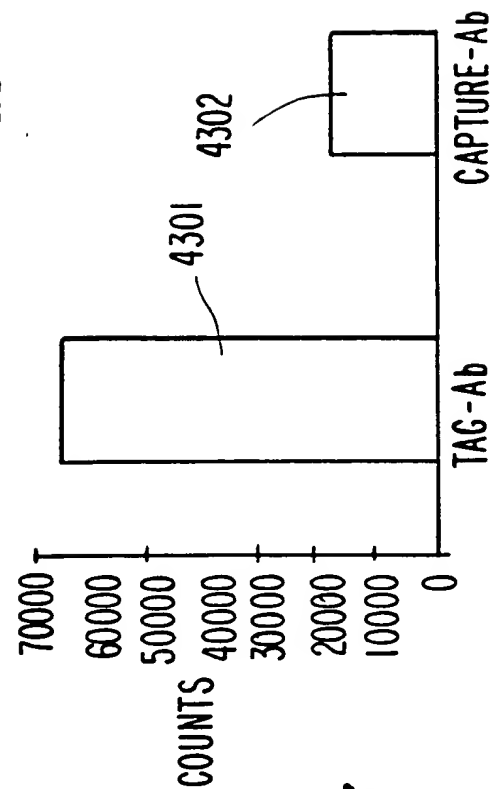
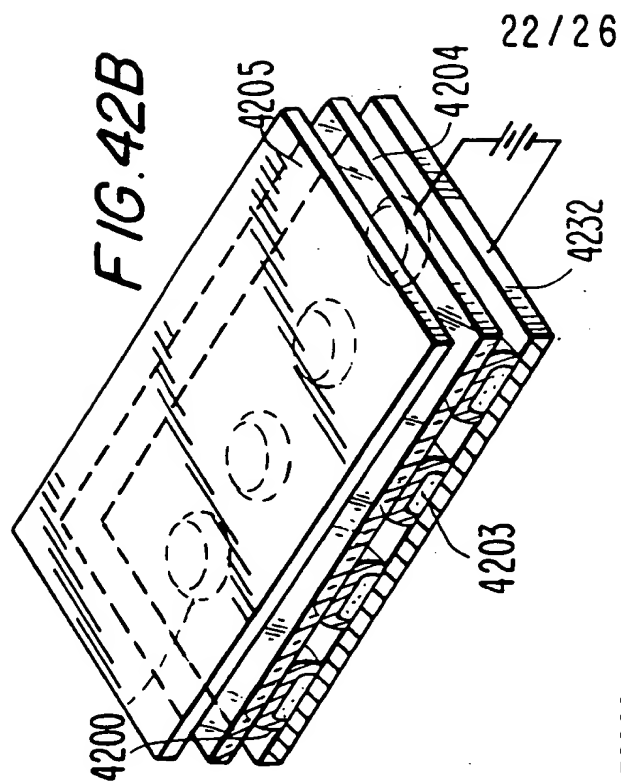
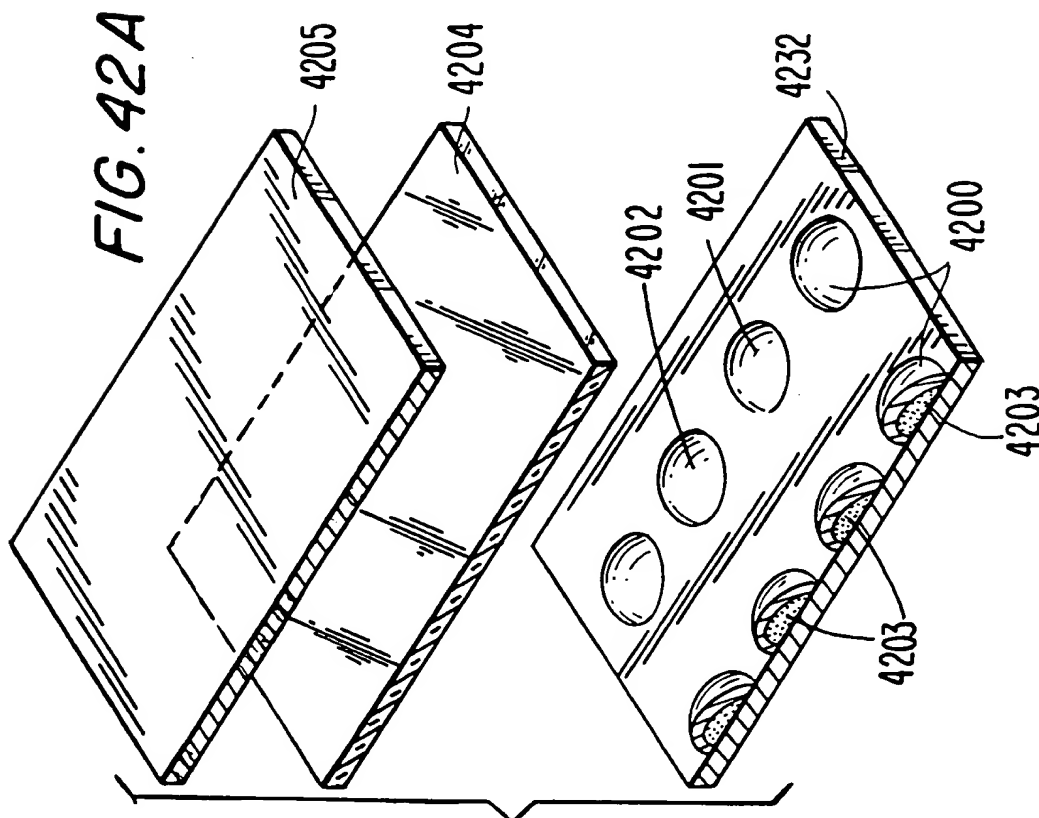


FIG. 43

FIG. 44A

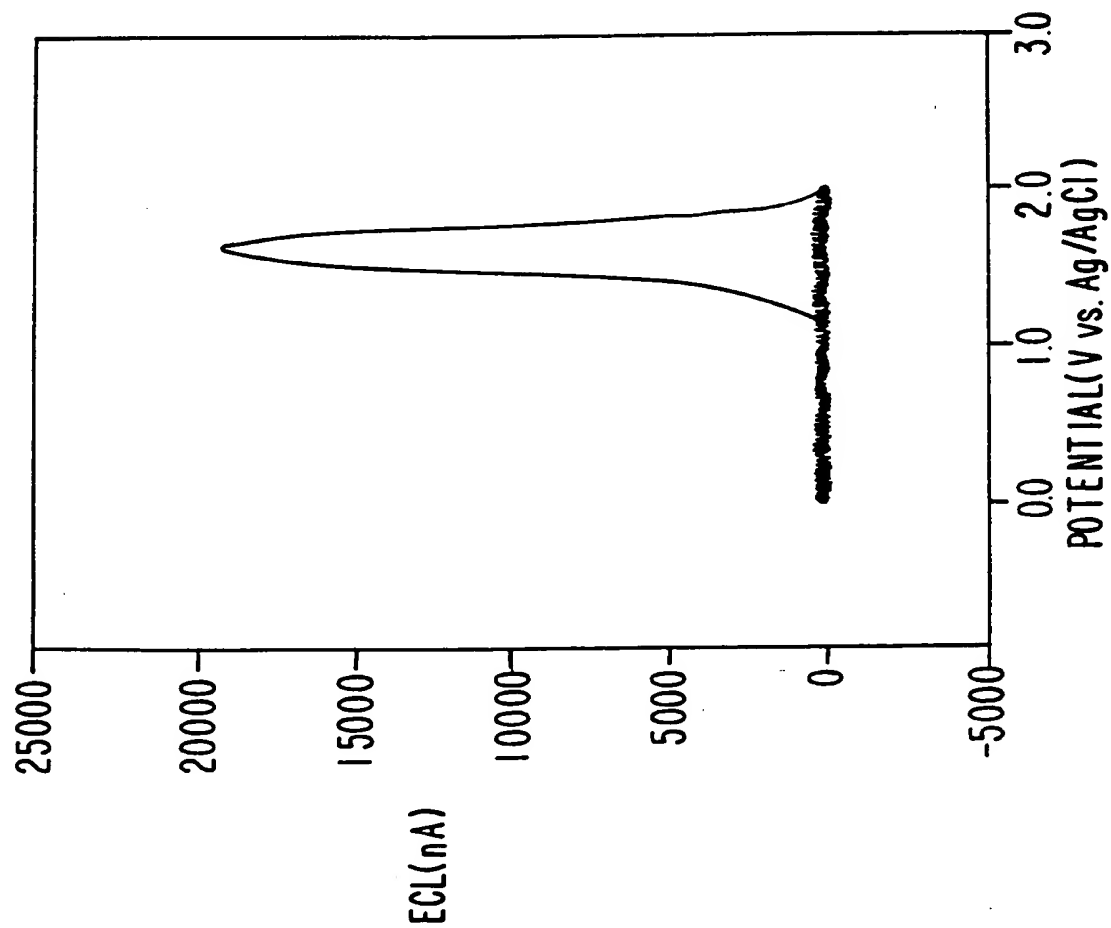


FIG. 44B

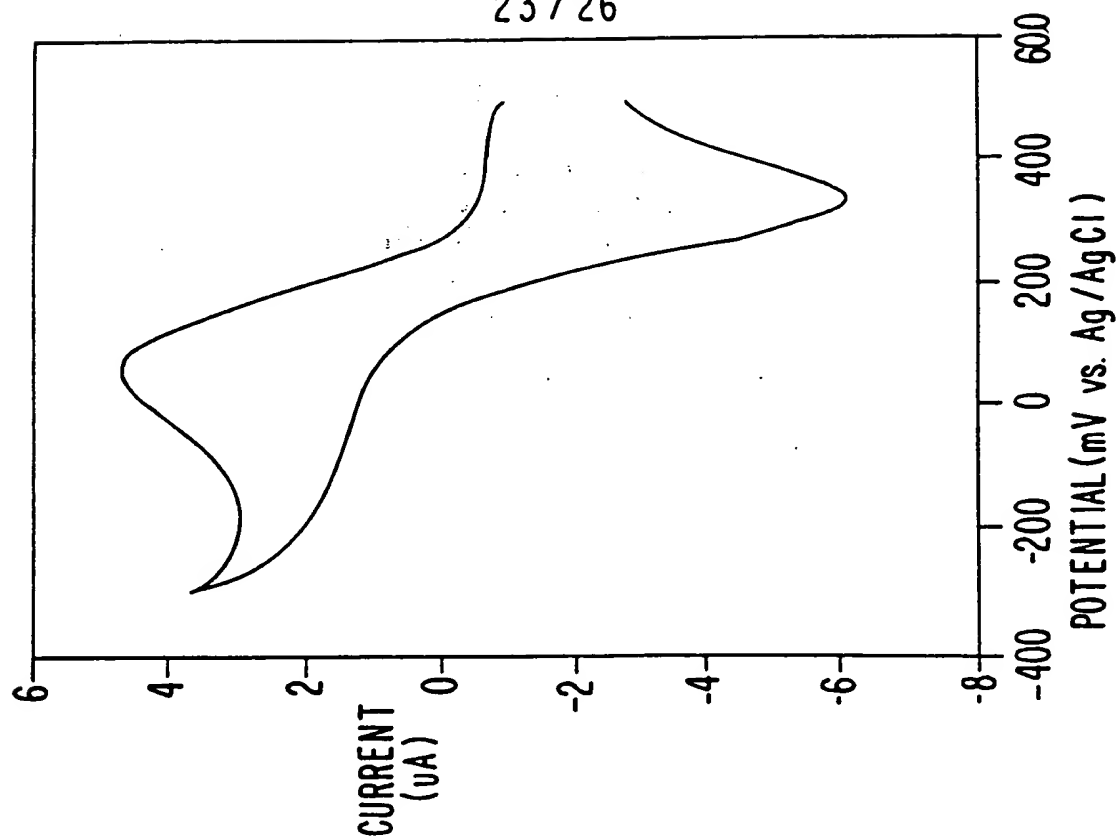


FIG. 45A

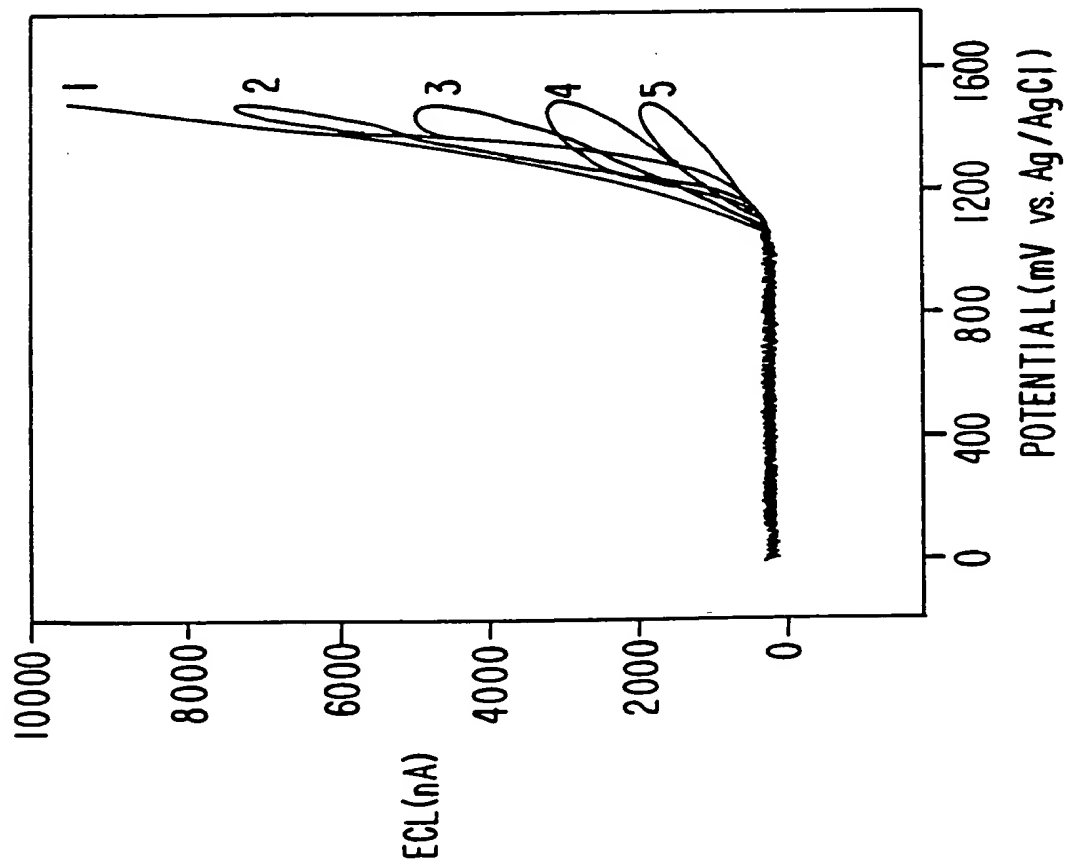


FIG. 45B

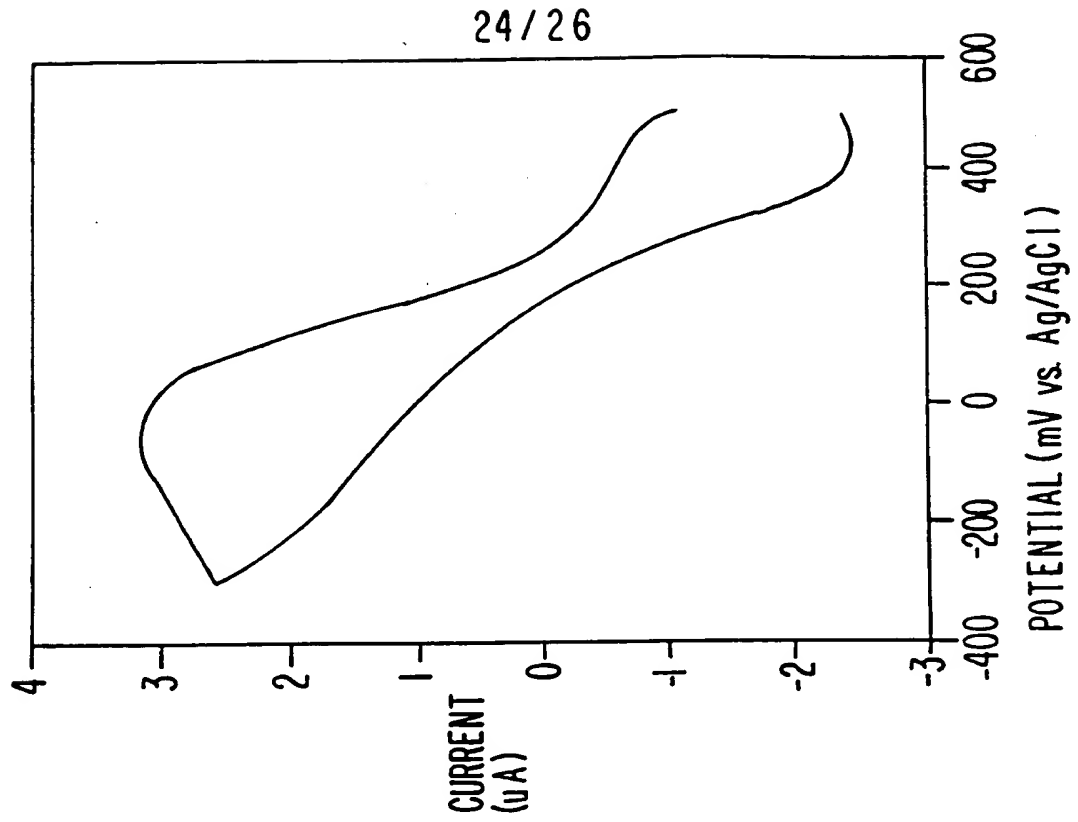


FIG. 46A

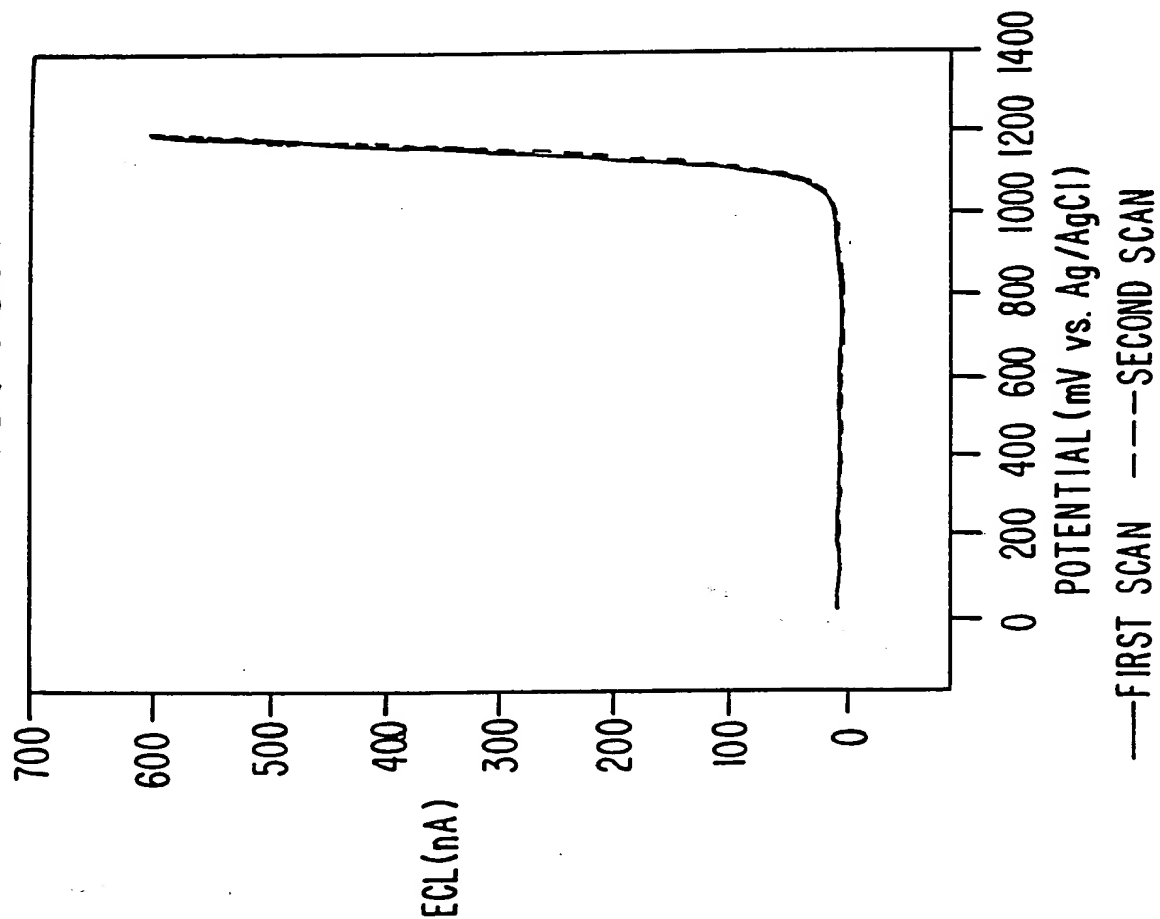


FIG. 46B

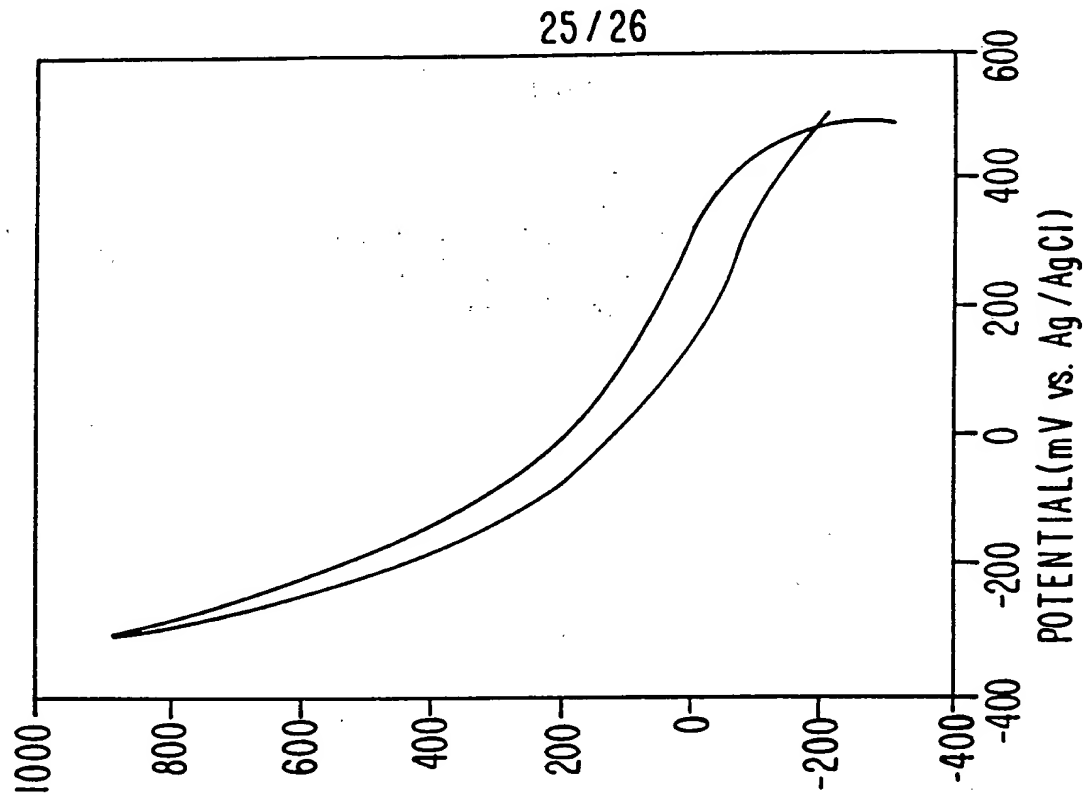


FIG. 47

